

Kiln-Fired Graphic Tile for Airport Projects Performance, Durability, and Design Considerations

This document provides a general material reference for kiln-fired graphic ceramic and porcelain tile used in airport and transit environments.

Kiln-fired graphic tile permanently fuses imagery into the tile surface using ceramic pigments and glazes fired at high temperatures. The resulting surface provides long-term durability, UV stability, and resistance to graffiti removal chemicals and routine maintenance agents.

Typical Performance Characteristics: • UV and fade stability suitable for skylit concourses and exterior exposure • Resistance to graffiti removal solvents without image degradation • Dense, non-porous surface appropriate for frequent cleaning • Long service life with minimal maintenance

Typical Applications: • Interior concourse wall cladding • Wayfinding bands and architectural graphics • Exterior public art murals • Covered transit platforms (finish dependent)

Final specifications should be project-specific and coordinated with tile body, finish selection, installation systems, and applicable standards.